

CLAIMS

1. A hair treatment composition comprising:
 - 5 a) from 0.2 to 5% by weight of the total composition of a cationic surfactant according to the formula:
[N(CH₃)₃(R₁)]⁺ (X)⁻ wherein R₁ is a C₁₄ to C₂₂ alkyl group and X is a salt-forming anion selected from
10 halogen, acetate, citrate, lactate, glycolate, phosphate, nitrate, sulphate, and methosulphate radicals;
 - b) from 0.01 to 1.0% by weight of the total composition of a di-(C₂₀-C₂₄) imidazoline quaternary
15 surfactant; and
 - c) from 0.0001 to 0.5% by weight of the total composition of a cationic surfactant according to the formula [N(CH₃)₂(CH₂CH₂OH)R₂]⁺Y⁻ wherein R₂ is a
20 C₁₂-C₂₂ alkyl group and Y is a salt-forming anion selected from halogen, acetate, citrate, lactate, glycolate, phosphate, nitrate, sulphate, and methosulphate radicals.
- 25 2. A hair treatment composition according to claim 1 in which the level of the cationic surfactant a) is from 0.3 to 5 wt% of the total composition.
- 30 3. A hair treatment composition according to claim 1 or claim 2 in which the level of the di-(C₂₀-C₂₄) imidazoline

- 28 -

quaternary surfactant b) is from 0.05 to 0.5% by weight of the total composition.

4. A hair treatment composition according to any preceding
5 claim in which the level of cationic surfactant c)
according to the formula $[N(CH_3)_2(CH_2CH_2OH)R_2]^+Y^-$ is from
0.001 to 0.2% by weight of the total composition.
5. A hair treatment composition according to any preceding
10 claim further comprising a C_{16} - C_{22} alkyl chain fatty
material selected from the group consisting of fatty
alcohol, alkoxylated fatty alcohol, fatty acid and
mixtures thereof.
- 15 6. A hair treatment composition according to any preceding
claim further comprising 50% by weight or more of the
total composition of water.
7. A hair treatment composition according to any preceding
20 claim further comprising a silicone.
8. A hair treatment composition according to any preceding
claim further comprising a hydrophobically modified
clay.
25
9. A hair treatment composition according to any preceding
claim further comprising a hydrocarbon oil.
10. Use of a composition as described in any one of claims 1
30 to 9 to improve the condition of the hair.

- 29 -

11. A method of conditioning the hair comprising the step of applying to the hair and/or scalp a composition as described in any one of claims 1 to 9.